

- Purificn. of air by scrubbing with activated sludge and solvent - using **membrane** filtration to separate **sludge** and solvent from **purge** stream.

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Purificn. of air contg. water-insol. biodegradable contaminants is effected by scrubbing the **air** with a **mixt.** of activated sludge (AS) and a high-boiling solvent, whereby the solvent absorbs the contaminants and the AS degrades them.

The solvent and AS are sepd. from at least part of the scrubber effluent (and recycled), while the residual effluent is discharged. Sepn. is effected by **membrane** filtration using an inorganic or hydrophilised organic **membrane**.

ADVANTAGE - **Membrane** filtration gives **cleaner** sepn. than flotation (cf. DE3641442).